

Date: Sun, 20 Feb 94 04:30:41 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #39
To: Ham-Equip

Ham-Equip Digest Sun, 20 Feb 94 Volume 94 : Issue 39

Today's Topics:

 20m QRP Xcvr kits. Recommendations? (2 msgs)
 ARnet - Ham Radio Network
 BC200XLT
 DJ-180T mods
 DJ-580 stuff
 FM ATV transceivers... Who makes ?
 HeathKit for sale (2 msgs)
 Kenwood TR2500
 Need Manual for FT-770RH
 Where is WAVETEK ?
 Yaesu FT470 vs FT530 (again?)
 Yaseu MH-29 LCD Microphone

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 19 Feb 1994 17:32:24 GMT
From: agate!howland.reston.ans.net!newsserver.jvnc.net!raffles.technet.sg!ntuix!
ntuvax.ntu.ac.sg!asirene@ames.arpa
Subject: 20m QRP Xcvr kits. Recommendations?
To: ham-equip@ucsd.edu

Hi,

I am looking to buy a 20 meter QRP kit. Can anyone recommend any good
tranceiver kits? Does the kit have VX0? VF0? synthesized etc etc. Cost.

Tks.

73 de 9V Daniel

Date: Sun, 20 Feb 1994 01:25:55 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: 20m QRP Xcvr kits. Recommendations?
To: ham-equip@ucsd.edu

In article <1994Feb20.013224.1@ntuvax.ntu.ac.sg> asirene@ntuvax.ntu.ac.sg writes:
>Hi,
>
> I am looking to buy a 20 meter QRP kit. Can anyone recommend any good
>tranceiver kits? Does the kit have VXO? VFO? synthesized etc etc. Cost.
>
> Tks.
>
>73 de 9V Daniel

Daniel: here's a reprint of the second project I posted on .homebrew.

Jeff NH6IL

Subject: Project 2 - 20 meter QRP CW xmtr

Here's the second QRP project taken from 101 EASY HAM RADIO PROJECTS,
by Robert Brown and Tom Kneitel; again, since the book is out of print,
I assume there will be no copyright problems...

This project is a simple 20 meter CW xmtr with output about 100 mw (?).
Here are the authors' comments:

"If you have always wanted to try low-power on 20 meters, here is an
excellent method for joining the growing ranks of flea-power addicts -
and doing it inexpensively. This circuit is capable of world-wide QSO's,
given the right conditions and assuming QRM is not present.

"The transmitter uses a pair of GE-1 universal replacement transistors
in a unique circuit configuration a great more sophisticated than you
would normally expect for an under-one-watt rig. Crystal can be a
fundamental 14-mHz type.

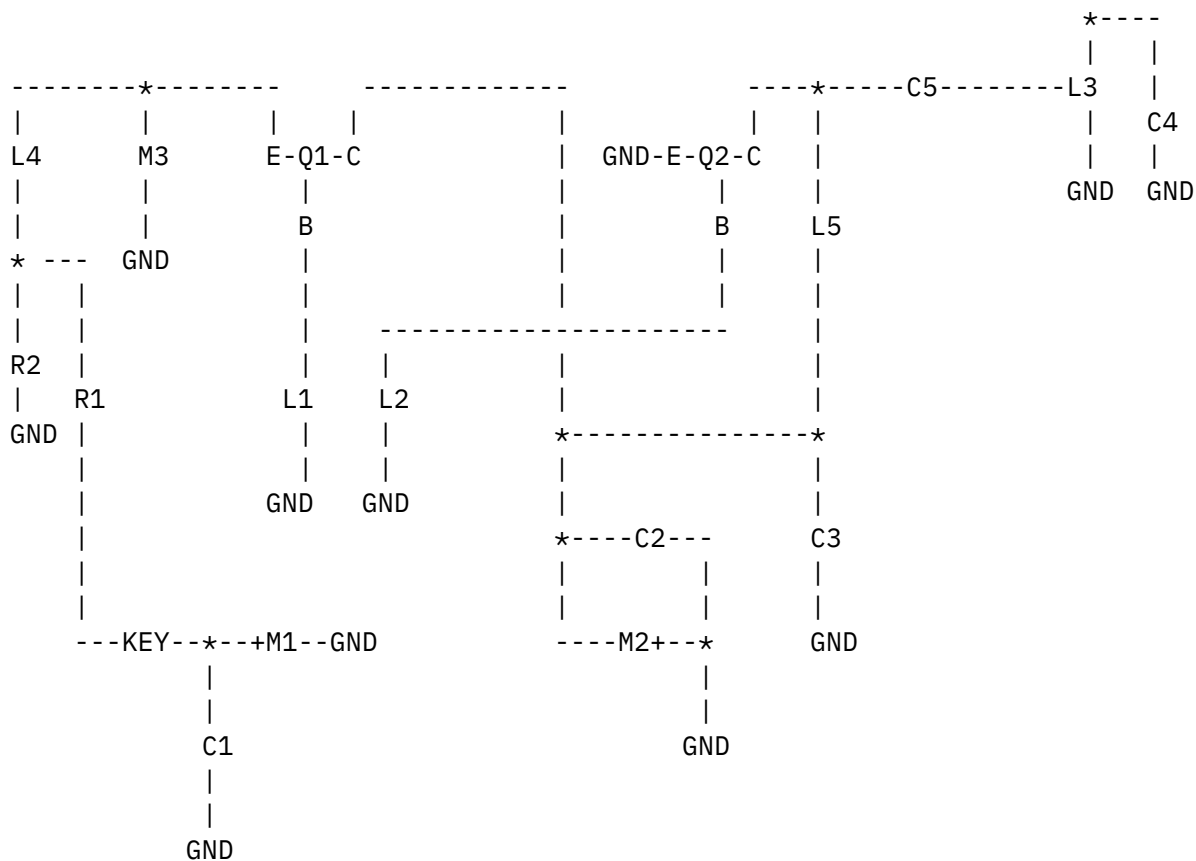
"L1 should be adjusted for sure-fire oscillation every time the
key is depressed. C4 is simply adjusted for maximum output on the FSM."

PARTS LIST:

C1, C2 .02 uF capacitors

C3, C5 .002 uF capacitors
 C4 51 pF variable capacitor
 L1 38 turns of No. 22 enameled wire on a 1/2 in. diameter
 slug-tuned form
 L2 8 turns of No. 22 enameled wire wound over cold end of L1
 L3 Coil, 17 turns of Air Dux 616T (or equiv.) tapped 5 1/2
 turns from cold end
 L4, L5 2.5 mH rf choke (National R-100 or equiv.)
 M1 1.5 volt dry cell
 M2 6 volt battery
 M3 14 mHz crystal
 Q1, Q2 GE-1 transistors
 R1 180 ohm resistor
 R2 1.1 megohm resistor

As before, rather than trying to 'draw' the symbol for each component,
 I've just inserted the part number. Oh, note the polarities of the
 batteries M1 and M2. GND = ground, ANT = antenna, E = emitter,
 C = collector, B = base, KEY = well, this is a CW rig....



Note that the collector of Q1 'jumps' over the hot end of L2; this is
 the only jump. * = a junction of 3 or more leads.

.... .- ...-- ...- -. !

Jeff, NH6IL

Jeffrey Herman, University of Hawaii Mathematics, jherman@Hawaii.Edu

Date: Sat, 19 Feb 94 17:24:00 -0500
From: agate!iat.holonet.net!wwwswinc!john.woodstock@ames.arpa
Subject: ARnet - Ham Radio Network
To: ham-equip@ucsd.edu

Amateur Radio Net

Amateur Radio Net is a net dedicated to Amateur Radio enthusiasts. If you are an Amateur Radio enthusiast, or any of your callers are, this is an echomail network for you. ARnet is replacing an older ham radio network that recently folded - RF-Net(tm).

If you would like to get more information about this net, please look for the information packet ARNET024.ZIP on the following BBS's:

Channel1
SaltAir
Mustang HQ BBS
Execnet
Intelec
Sound Of Music

and the Network Host BBS - The Silicon Garden.

It can be FREQ'd from 1:2619/211 using a magic name of ARNET

ARnet is available via QWK & FIDO. As this is the initial announcement of the net many HUB positions are still open.

If you have any questions, please contact me.

John Woodstock, N2HAA
P.O. Box 436
Coram, NY 11784
BBS: 516-736-6662
FIDO: 1:2619/211

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Date: 18 Feb 1994 23:14:33 GMT
From: swrinde!sdd.hp.com!saimiri.primate.wisc.edu!nntp.msstate.edu!olivea!korie1!
news2me.EBay.Sun.COM!jethro.Corp.Sun.COM!maverick!ruentien@network.ucsd.edu
Subject: DJ-580 stuff
To: ham-equip@ucsd.edu

hi, folks,

Here's another question regarding my DJ-580. I take this rig with me on the car, and I didn't use any mobil antenna. But the reception didn't even hurt for a little bit. The sound still clear and loud. I wonder if I transmit without using the mobil antenna, will it be effect by the car? Will the range being cutting off by the car body? (I did it when window was closed.) If the answer is no, then why people want to install the mobil antenna? What I thought was ham use 2m repeater all the time, so the transmit power is not a big concern. As long as the power is enough to reach repeater. It doesn't make sense to get a 100W transmitter or a full length antenna. Am I right? The other question I have is how to get autopatch access code for public repeater? Any answer will be appreciated!!!

Ruentien Lu
Sun Microsystem Computer Corporation.
Software Engineer.

Date: Thu, 17 Feb 1994 20:15:17 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!math.ohio-state.edu!usc!
yeshua.marcam.com!zip.eecs.umich.edu!umn.edu!uum1!salsa!ribs.ssesco.com!
elmquist@network.ucsd.edu
Subject: FM ATV transceivers... Who makes ?
To: ham-equip@ucsd.edu

A few years ago I saw an ad from a small outfit in Texas that was producing some FM ATV transceivers for 900 and 1200 MHz. They had a neat 70 MHz IF that went between the tower mounted transceiver and a control box/mod/demod in the shack. The transceivers were even synthesized...

I can't remember the name of this outfit. Does anyone know and if so are they still around ?

I'm also interested in any other sources of FM ATV gear for 1200 MHz...

Chris

--

Chris Elmquist, N0JCF
chrise@n0jcf.vware.mn.org
elmquist@SSESCO.com

On a bumper sticker:
"Visualize Whirled Peas"

Date: Fri, 18 Feb 94 20:23:00 -0500
From: agate!iat.holonet.net!wwwswinc!steve.silverwood@ames.arpa
Subject: HeathKit for sale
To: ham-equip@ucsd.edu

- > I have a heathkit Sb-100 with matching speaker/power supply for sale.
- > I have no use for it since I live in a dorm, and no room for it.
- > It is in the box, with manual and everything. I'll even throw in
- > microphone, speech compressor, and Bilal Isotron for 10M

Your message didn't come through all the way here at this end. If you can provide some contact info and the price you're asking, I'm interested.

-- //Steve//

Steve Silverwood [KB6OJS]	CompuServe: 76703,3035
Computer Associates	GEnie: S.SILVERWOOD
One Computer Associates Plaza	Internet: 76703.3035@compuserve.com
Islandia, NY 11788-7000	Voice: (516)CALL-CAI (225-5224)
	FAX: (516)DIAL-FAX (342-5329)

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* RM 1.3 B0021 * ?? Fatal Logic Error - Engage Brain and (R)etry

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	FAX: (516)DIAL-FAX (342-5329)

* RM 1.3 B0021 * ?? Fatal Logic Error - Engage Brain and (R)etry

Date: 18 Feb 94 11:16:01
From: news.mentorg.com!hpcan240.mentorg.com!hpcan240!c2k@uunet.uu.net
Subject: Kenwood TR2500
To: ham-equip@ucsd.edu

In article <1994Feb16.223141.12530@mnemosyne.cs.du.edu> jsteinhu@nyx.cs.du.edu
(Josh Steinhurst) writes:

Newsgroups: rec.radio.amateur.equipment

Path: hpcan240.mentorg.com!news.mentorg.com!uunet!mnemosyne.cs.du.edu!nyx!
jsteinhu
From: jsteinhu@nyx.cs.du.edu (Josh Steinhurst)
Subject: Kenwood TR2500
Message-ID: <1994Feb16.223141.12530@mnemosyne.cs.du.edu>
X-Disclaimer: Nyx is a public access Unix system run by the University
of Denver for the Denver community. The University has neither
control over nor responsibility for the opinions of users.
Sender: usenet@mnemosyne.cs.du.edu (netnews admin account)
Organization: Nyx, Public Access Unix at U. of Denver Math/CS dept.
Date: Wed, 16 Feb 94 22:31:41 GMT
Lines: 8

Does anybody have any information about the Kenwood TR2500, I need to
find out about it and don't even know what band it is. :)
ANY information would help a lot.
Thanks de N1MAM
--
jsteinhu@nyx.cs.du.edu

It's a 2-meter handi-talkie, .5 or 3 watts out, 10 memories, standard splits
only, except for the tenth channel, which can be used as a transmit freq.
Does simplex, +600kHz, -600kHz, and Memory (channel 10). Uses the BP25
battery pack, eats battery packs about every 3 years, weighs half a ton, and
is probably about 10-12 years old. Has memory scan or range/increment scan
capabilities, seems to be pretty immune to intermod.

I have two of them and like them both...

I have a couple of mobile docking stations which I use with a 25 watt amplifier
and an external antenna in the cars, then switch to the ducky for belt/handheld
use.

Cheers,
Carl

--

My opinions are mine, (all mine), and do not necessarily reflect
those of my employer. (Who BTW will cease to be my employer on
Feb. 25 -- seems they are closing the Salt Lake Office %-(
This probably also means I won't be posting to News anymore...

Carl Ketcham carl_ketcham@mentorg.com WA7ZBV
Mentor Graphics, Suite 300, 5295 South 300 West, Murray, Utah 84107

Date: 16 Feb 94 04:15:16 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!swrinde!
sgiblab!sgigate.sgi.com!olivea!tardis!tymix.Tymnet.COM!niagara!
flanagan@network.ucsd.edu
Subject: Need Manual for FT-770RH
To: ham-equip@ucsd.edu

I need a manual for a Yaseu FT-770RH 450-MHz mobile radio. I will
gladly pay any reasonable cost to purchase or copy the appropriate
manual.

Thanks for any/all help.

Dick / W6OLD

--

Dick Flanagan, CFII-G
Libelle Productions, Minden, NV
Voice/FAX: +1 702 782 8644

Grob Speed Astir "DY"
MCI Mail: 412-2140
GEnie: FLANAGAN

Date: Sat, 19 Feb 1994 18:24:23 GMT
From: agate!library.ucla.edu!csulb.edu!csus.edu!netcom.com!stan@network.ucsd.edu
Subject: Where is WAVETEK ?
To: ham-equip@ucsd.edu

md_hill@pavo.concordia.ca (HILLIER, MARK D.) writes:

>Does anyone have a current address and phone number for WAVETEK ? I have a
>sweep generator that needs a manual.
>Thanks
>-Mark Hillier Internet: MD_HILL@pavo.concordia.ca
> Amateur: VE2HVV
> PACKET: VE2HVV@VE2FKB
>" I hear, I forget. I see, I remember. I do, I understand"
>Message-ID: <17FEB199415101936@pavo.concordia.ca>
>Organization: Concordia University
>News-Software: VAX/VMS VNEWS 1.41

Wavetek Corporation
9145 Balboa Avenue
San Diego, CA 92123
(619) 279-2200 (voice)
(619) 565-9558 (fax)

I hope this helps!

Stan

--

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-----  
| Stan Perkins      | stan@netcom.com |  
| ASMG, Inc.        | (619) 457-1501  |  
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```

Date: Sun, 20 Feb 1994 04:05:15 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!howland.reston.ans.net!
europa.eng.gtefsd.com!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
wylz@ames.arpa
Subject: Yaesu FT470 vs FT530 (again?)
To: ham-equip@ucsd.edu

In article <1994Feb16.190645.19904@news2.den.mmc.com> boutell@pogo.den.mmc.com
(Russell E Boutell) writes:

>Hello! I know I saw some thread on the subject of comparing
>these two HT's. I realize that the FT-530 is smaller and newer
>but I can't remember what was said about out-of-band receive
>coverage, power, anything else?, etc... Most everyone was saying
>buy the new FT530 vs. a new FT470, but I have the potential
>opportunity to buy a used FT470 for about \$125 less. Feel free
>to Email if you feel the internet bandwidth has been used enough
>already for this. Thanks in advance for any help.

>
>73,
>Russ (WD0FTF)
>

I have an FT530, which is replacing my former FT470.

Both radios are very nice, and, yes, the FT530 is smaller, in addition to
having more features.

Frequency-wise, with solder pad 13 removed, it can
receive: 110 - 180, 300 - 500, 800 - 950.

It has an AM detector for aircraft, but the detector must be manually
turned on and off. I think it would have been nicer if Yaesu made
auto-detection for that area.

In addition to this, it has a voltmeter and clock w/ alarm.

Finally, it has TRUE dual in-band receive (vhf+vhf or uhf+uhf), so you can monitor two repeaters (or two of anything) on the same band.

I'm very happy.

Scott

--

```
=====
| Scott Ehrlich      Internet: wylz@neu.edu    BITNET: wylz@NUHUB  |
| Amateur Radio: wylz      AX.25: wylz@k1ugm.ma.usa.na      |
|-----|
| Maintainer of the Boston Amateur Radio Club hamradio FTP area on      |
| the World - ftp.std.com  pub/hamradio      |
=====
```

Date: 19 Feb 1994 21:25:02 -0600
From: agate!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!post.its.mcw.edu!
not-for-mail@network.ucsd.edu
Subject: Yaseu MH-29 LCD MIncrophone
To: ham-equip@ucsd.edu

I read somewhere that there were some undocumented features of the MH-29 speaker microphone but can't find it anymore. Does anyone on the net have any information?

--

Michael J. Malloy
Medical College of Wisconsin
mmjjmm@post.its.mcw.edu

Truth is a Virus

End of Ham-Equip Digest V94 #39

